

Houses converge in order to reduce surfaces exposed to weather factors such as

(the sun) and so that shade covers the largest possible area.





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IN THESE PHOTOS, HOT AIR COMES OUT FROM THE UPPER WINDOWS AND COLD AIR ENTERS THE LOWER WINDOWS. WINDOWS HELP AVOID DIRECT SUNLIGHT.



Skylights are opening in the ceiling, especially in guest rooms and kitchens, that open in summer to allow hot air to escape, and close in winter to keep warm.

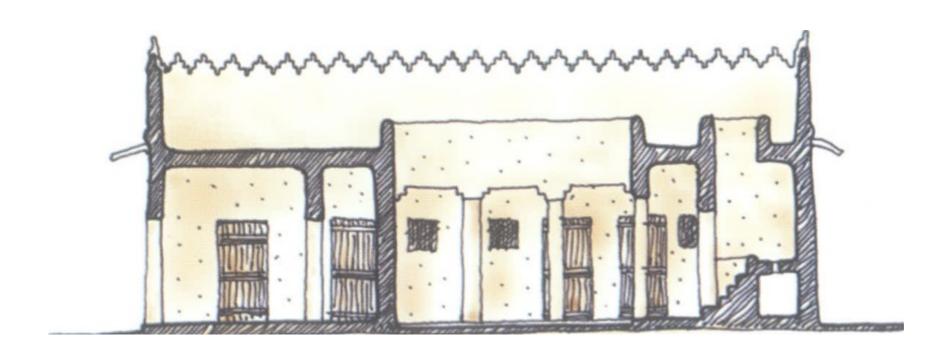


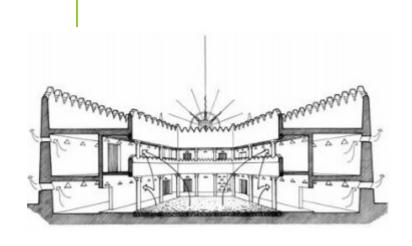
## THE FACADES OF THE BUILDINGS ARE NOT STRAIGHT, BUT RATHER HAVE SLIGHT PROJECTIONS THAT REDUCE THE INFLUENCE OF THE WIND

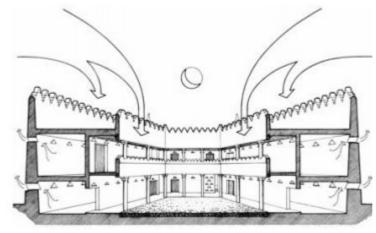


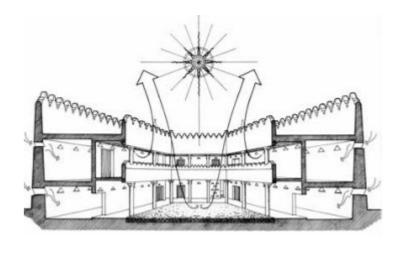


## THE THICKNESS OF THE MUD WALLS HELPS TO ADAPT TO THE CLIMATIC FACTORS AND ITS ABILITY TO HEAT INSULATION









courtyard and building retain heat then give it off as night air cools.

courtyard and roof act as cool air sinkCHIMNEY EFFECT AND PULLS BREEZE THROUGH

SUN HEATS THE COURTYARD WARM AIR RISES CREATING ROOMS.



PALM ACTS AS A NATURAL FILTER THAT HELPS IN BREATHING FRESH AIR.



## Presentation on the climate benefits of Nejd

The work of the student / Abdulaziz Al-Aklouk 2036348

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